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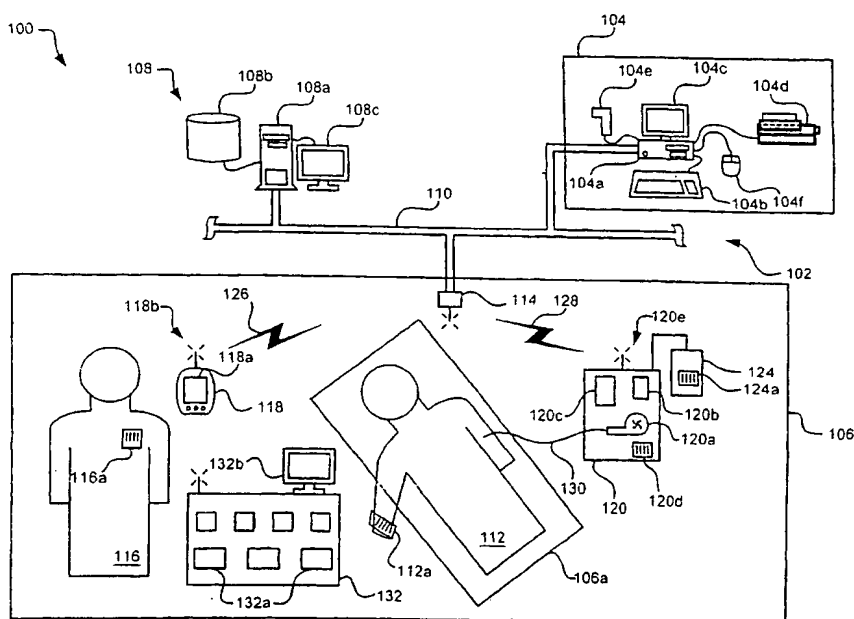
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(54) Title: SYSTEM AND METHOD FOR NOTIFICATION AND ESCALATION OF MEDICAL DATA ALERTS



(57) Abstract: A system and method is disclosed for executing at least one of an alarm or an alert escalation process within a healthcare environment.

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INTERNATIONAL SEARCH REPORT

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IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 406 426 B1 (REUSS JAMES L ET AL) 18 June 2002 (2002-06-18) column 2, line 46 - column 4, line 61 column 6, line 37 - column 9, line 33 column 12, line 50 - line 67 column 13, line 40 - column 15, line 15 figures 1,4	1-16
A	EP 1 081 627 A (GENERAL ELECTRIC COMPANY) 7 March 2001 (2001-03-07) figure 4	13,14
X	US 2002/099283 A1 (CHRIST TILO ET AL) 25 July 2002 (2002-07-25) paragraph '0006! - paragraph '0009! paragraph '0017! - paragraph '0044! figure 1	1-16



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Patent family members are listed in annex.

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6406426	B1	18-06-2002	NONE	
EP 1081627	A	07-03-2001	US 6494831 B1 EP 1081627 A2 JP 2001147972 A	17-12-2002 07-03-2001 29-05-2001
US 2002099283	A1	25-07-2002	DE 10103330 A1 EP 1226781 A2	14-08-2002 31-07-2002